



Virtual University

**CS-506 Web Design & Develop  
Update MCQS For Quiz-3 File  
Solve By Vu Topper RM**



**80 To 100% Marks**



وَعَزُّ مَنْ تَشَاءُ وَتَذَلُّ مَنْ تَشَاءُ



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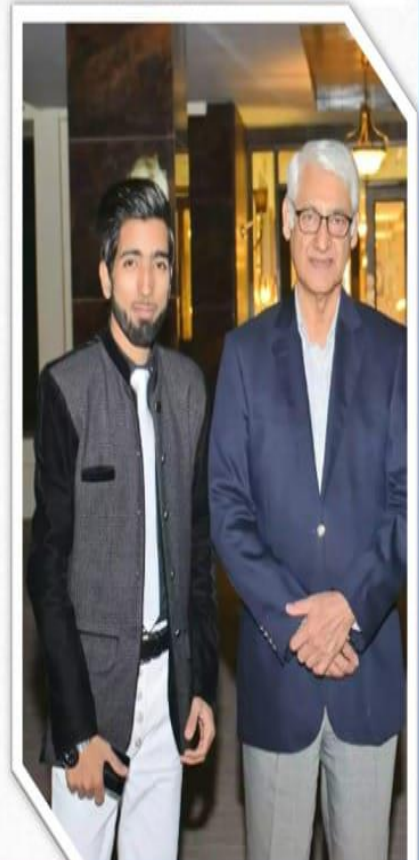
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**0322-4021365**



## For More Help Contact What's app 03224021365

**Question No:1**

**(Marks:01)**

**Vu-Topper RM**

\_\_\_\_\_ is NOT the type of HTTP request.

A. Delete

**B. Update**      **Page 262**

C. Post

D. Get

**Question No:2**

**(Marks:01)**

**Vu-Topper RM**

Timers are constructed by specifying both a delay parameter and a/an \_\_\_\_\_ Listener.

A. Key

B. Mouse

**C. Action**      **Page 179**

D. Window

**Question No:3**

**(Marks:01)**

**Vu-Topper RM**

CGI (Common Gateway Interface) was widely used for generating \_\_\_\_\_

A. Static web content

B. Mobile application

C. Desktop application

**D. Dynamic web content**      **Page 245**

**Question No:4**

**(Marks:01)**

**Vu-Topper RM**

FTP (File Transmission Protocol) works on \_\_\_\_\_ port.

**A. 21**

**Page 193**

B. 23

C. 80

D. 84

**Question No:5**

**(Marks:01)**

**Vu-Topper RM**

In the context of Java Thread, sleep() method throws \_\_\_\_\_ exception.

**A. Interrupted**      **Page 233**

B. Input output

C. File not found

D. Index out of bound

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**Question No:6**

**(Marks:01)**

**Vu-Topper RM**

By implementing this interface, a class declares that it is willing to be \_\_\_\_\_ by automatic serialization machinery.

**A. Read**

**Page 203**

B. Decode

C. Checked

D. Destroyed

**Question No:7**

**(Marks:01)**

**Vu-Topper RM**

Which of the following range of response code signify error by server?

A. 200-299

B. 300-399

**C. 500-599**

**Page 232**

D. 400-499

**Question No:8**

**(Marks:01)**

**Vu-Topper RM**

Which of the following methods takes the place of constructor in an Applet?

A. run()

B. start()

**C. init()**

**Page 184**

D. main()

**Question No:9**

**(Marks:01)**

**Vu-Topper RM**

How many ports are available for TCP socket?

A. 64

B. 128

**C. 64k**

**Page 193**

D. 128k

**Question No:10**

**(Marks:01)**

**Vu-Topper RM**

`int i = (int)( Math.random() * 5 ); // will generate random numbers between_____ .`

A. 0 & 5

B. 1 & 4

C. 1 & 5

**D. 0 & 4**

**Page 187**

## For More Help Contact What's app 03224021365

**Question No:11**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is NOT a part of HTTP request?

- A. Header fields
- B. URI
- C. Request method

**D. Status code Page 232**

**Question No:12**

**(Marks:01)**

**Vu-Topper RM**

Which of the following problem occurs with lower priority threads?

- A. Process death
- B. Starvation Page 218**
- C. Race condition
- D. Average waiting time

**Question No:13**

**(Marks:01)**

**Vu-Topper RM**

Which of the following method is called only once during life cycle of Servlet?

- A. init() Page 184**
- B. service()
- C. destroy()
- D. start()

**Question No:14**

**(Marks:01)**

**Vu-Topper RM**

Which of the following approach can used to create threads in java?

- A. Inheritance Page 212**
- B. Abstraction
- C. Composition
- D. Polymorphism

**Question No:15**

**(Marks:01)**

**Vu-Topper RM**

Choose correct integer value for predefined Thread Priority

“Thread.MAX\_PRIORITY” in java.

- A. 1
- B. 5
- C. 10 Page 216**
- D. 7

## For More Help Contact What's app 03224021365

**Question No:16**

**(Marks:01)**

**Vu-Topper RM**

An applet can be defined as:

**A. A small program written in java and included in an HTML page.  
Page 181**

B. A small program written in JSP and included in an HTML page.

C. A small program written in servlet and included in an HTML page.

D. A small program written in JSF and included in an HTML page.

**Question No:17**

**(Marks:01)**

**Vu-Topper RM**

Choose correct line of code to start a thread 't' in Java.

A. T-start()

B. t=start()

C. t->start()

**D. t.start()**

**Page 213**

**Question No:18**

**(Marks:01)**

**Vu-Topper RM**

Which of the following method needs to override while handling threads in java?

A. start()

B. runnable()

**C. run() Page 212**

D. init()

**Question No:19**

**(Marks:01)**

**Vu-Topper RM**

JAVA\_Home indicates the \_\_\_\_\_ of JDK.

A. Bin folder

B. Webapps folder

C. Web page

**D. Root directory**

**Page 248**

**Question No:20**

**(Marks:01)**

**Vu-Topper RM**

If attribute is "name" and value is "ahmad" then the GET request will be

**A. <http://www.gmail.com/register?name=ahmad>**

**Page 262**

B. <http://www.gmail.com/register#name=ahmad>

C. <http://www.gmail.com/register&name=ahmad>

D. <http://www.gmail.com/register?name.ahmad>

## For More Help Contact What's app 03224021365

**Question No:21**

**(Marks:01)**

**Vu-Topper RM**

Servlets are java technology's answer to \_\_\_\_\_ programming.

**A. CGI Page 245**

B. Perl

C. C++

D. C

**Question No:22**

**(Marks:01)**

**Vu-Topper RM**

Which of the following range of response code indicates that request was successful?

A. 100-199

**B. 200-299 Page 234**

C. 300-399

D. 400-499

**Question No:23**

**(Marks:01)**

**Vu-Topper RM**

Which of the following variable value will not be set during the installation and configuration of Apache Tomcat Server?

A. CLASSPATH

B. CATALINA\_HOME

**C. JDK\_HOME Page 247**

D. JAVA\_HOME

**Question No:24**

**(Marks:01)**

**Vu-Topper RM**

Which of the following method allows any other thread of same priority to execute?

**A. Yield() Page 224**

B. Sleep()

C. Wait()

D. Notify()

**Question No:25**

**(Marks:01)**

**Vu-Topper RM**

Socket is a \_\_\_\_\_ communication channel between hosts.

A. tri-directional

B. uni-directional

C. multi-directional

**D. bi-directional Page 193**

## For More Help Contact What's app 03224021365

**Question No:26**

**(Marks:01)**

**Vu-Topper RM**

In \_\_\_\_\_ state, thread is assigned a processor to run.

- A. Ready
- B. New
- C. Running Page 226**
- D. Dead

**Question No:27**

**(Marks:01)**

**Vu-Topper RM**

Which of the following methods is invoked by the AWT package to support paint and repaint operations?

- A. paint()
- B. draw()
- C. redraw()
- D. repaint() Page 174**

**Question No:28**

**(Marks:01)**

**Vu-Topper RM**

How many methods are there in the Serializable Interface?

- A. Zero Page 203**
- B. One
- C. Two
- D. Three

**Question No:29**

**(Marks:01)**

**Vu-Topper RM**

Real world business objects are represented in \_\_\_\_\_..

- A. Data layer Page 243**
- B. Presentation
- C. Business layer
- D. Application layer

**Question No:30**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is the correct syntax to make a PersonInfo class into a Serializable class?

- A. Public class PersonInfo extends Serializable{/\*class body\*/}
  - B. Public class PersonInfo includes Serializable{/\*class body\*/}
  - C. Public class PersonInfo responds Serializable{/\*class body\*/}
  - D. Public class PersonInfo Implements Serializable{/\*class body\*/}**
- Page 204**

## For More Help Contact What's app 03224021365

**Question No:31** (Marks:01)

**Vu-Topper RM**

Servlet mapping is defined in \_\_\_\_\_

- A. JSP
- B. html
- C. servlet

**D. web.xml Page 265**

**Question No:32** (Marks:01)

**Vu-Topper RM**

Which of the following commands is used to invoke an Applet from command line interpreter?

- A. viewer htmlfile
- B. applet htmlfile
- C. appletviewer javafile

**D. appletviewer htmlfile Page 183**

**Question No:33** (Marks:01)

**Vu-Topper RM**

Which of the given will clear all the previous painting?

- A. super.paint
- B. super.redraw()
- C. super.repaint()

**D. super.paintComponent() Page 175**

**Question No:34** (Marks:01)

**Vu-Topper RM**

"Ready State" means a thread is in \_\_\_\_\_ .

- A. New state Page 226**
- B. Waiting state
- C. Ready state
- D. Dead state

**Question No:35** (Marks:01)

**Vu-Topper RM**

In web.xml, root tag \_\_\_\_\_ represents web application.

- A. Webapp
- B. <web-app> Page 255**
- C. <webapp>
- D. <web.app>

**For More Help Contact What's app 03224021365**

**Question No:36**

**(Marks:01)**

**Vu-Topper RM**

How many methods are there in the Serializable Interface?

- A. Java.io**      **Google**
- B. java.sql
- C. Java.util
- D. None of above

**Question No:37**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is not a servlet related package?

- A. javax.servlet.Servlet
- B. javax.servlet
- C. javax.servlet.http
- D. javax.servlet.Svit**      **Page 260**

**Question No:38**

**(Marks:01)**

**Vu-Topper RM**

Inside <servlet-mapping> tag, first write \_\_\_\_\_ of the servlet using \_\_\_\_\_ tag in web.xml.

- A. url, <servlet-url>
- B. name, <servlet-name>**      **Page 265**
- C. url, <url-pattern>
- D. class, <servlet-class>

**Question No:39**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is NOT true about HTTP?

- A. HTTP is a request response communication model
- B. HTTP has no built-in state management between successive requests
- C. HTTP maintains user session between successive requests**      **Page 231**
- D. HTTP is a stateless protocol

**Question No:40**

**(Marks:01)**

**Vu-Topper RM**

Engine of the servlet is \_\_\_\_\_ method.

- A. service()**      **Page 268**
- B. load()
- C. init()
- D. Create()

## For More Help Contact What's app 03224021365

**Question No:41**

**(Marks:01)**

**Vu-Topper RM**

Choose the correct statement by which thread 't' causes currently executing thread to block until thread 't' finishes its run() method.

**A. t.join() Page 229**

- B. t.wait()
- C. t.start()
- D. t.sleep()

**Question No:42**

**(Marks:01)**

**Vu-Topper RM**

Which of the following statement is correct to assign maximum priority to thread "t2"?

- A. t2.setPriority(Thread.PRIORITY\_MiX)
- B. t2.setPriority(Thread.PRIORITY\_MAX)
- C. .t2.setPriority(Thread.MAX\_PRIORITY)**
- D. .t2.setPriority(Thread.MIN\_PRIORITY)

**Question No:43**

**(Marks:01)**

**Vu-Topper RM**

Assume that we do not want to serialize phoneNum attribute of PersonInfo class, this can be done by:

- A. client String phoneNum;
- B. server String phoneNum;
- C. serializable String phoneNum;
- D. transient String phoneNum;**

**Page 208**

**Question No:44**

**(Marks:01)**

**Vu-Topper RM**

Choose correct integer value for predefined Thread Priority "Thread.MIN\_PRIORITY" in Java.

- A. 1**
- B. 7
- C. 5
- D. 10

**Question No:45**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is NOT a web technology of Java?

- A. Servlet
- B. JSP
- C. ASP**
- D. JSF

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**Question No:46**

**(Marks:01)**

**Vu-Topper RM**

Which of the following syntax is used to create a server socket?

- A. `ServerSocket ss = new ServerSocket("ServerName");`
- B. `ServerSocket ss = new ServerSocket("ServerPort");` Page 196**
- C. `ServerSocket ss = new ServerSocket("ServerPort. ServerName");`
- D. `ServerSocket ss = new ServerSocket("ServerName. ServerPort");`

**Question No:47**

**(Marks:01)**

**Vu-Topper RM**

In the context of HTTP Response Code, the values in the 200s signify that

- \_\_\_\_\_.
- A. Request was successful Page 231**
  - B. Request was not successful
  - C. Error by server
  - D. Error by client

**Question No:48**

**(Marks:01)**

**Vu-Topper RM**

The webapps folder is the \_\_\_\_\_ Tomcat directory that contains all the web applications deployed on the server.

- A. Least-level
- B. Top-level Page 258**
- C. Mid-level
- D. Bottom-level

**Question No:49**

**(Marks:01)**

**Vu-Topper RM**

Choose correct line of code to inherit a worker class from thread class in java.

- A. `Public class worker new thread()`
- B. `Public class worker inherit thread()`
- C. `Public class worker implement thread()`
- D. `Public class worker extends thread()` Page 214**

**Question No:50**

**(Marks:01)**

**Vu-Topper RM**

Thread sleep () method causes the currently executing thread to wait for the time in

- \_\_\_\_\_.
- A. Nanoseconds
  - B. Microseconds
  - C. Milliseconds Page 223**
  - D. Zeptoseconds

## For More Help Contact What's app 03224021365

**Question No:51** (Marks:01)

**Vu-Topper RM**

setColor() is a method of \_\_\_\_\_ object.

- A. Image
- B. JPanel
- C. JFrame

**D. Graphics** Page 172

**Question No:52** (Marks:01)

**Vu-Topper RM**

Which of the following methods of an Applet is called every time when page is minimized?

- A. init()
- B. stop()**
- C. start()
- D. destroy()

**Google**

**Question No:53** (Marks:01)

**Vu-Topper RM**

Which of the following is not the part of http response?

- A. URL**
- B. Header files
- C. Status code
- D. Result Code

**Google**

**Question No:54** (Marks:01)

**Vu-Topper RM**

In the context of HTTP Response Code, the values in the 400s indicate that

- A. error by client** Page 235
- B. Resource is available
- C. Error by server
- D. Resource is not available

**Question No:55** (Marks:01)

**Vu-Topper RM**

http response code 403 indicates that-----

- A. access to the requested resource was successful
- B. resource has been destroyed
- C. access to the requested resource has been denied**
- D. resource can be accessed after one hour

**Page 231**

## For More Help Contact What's app 03224021365

**Question No:56**

**(Marks:01)**

**Vu-Topper RM**

When a thread is in “new state” during its lifecycle, it is-----

- A. In ready queue
- B. Just created Page 226**
- C. Being assigned a processor to run
- D. Ready to run

**Question No:57**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is not the stage of servlet lifecycle?

- A. Wait Page 267**
- B. Service
- C. Destroy
- D. Initialize

**Question No:58**

**(Marks:01)**

**Vu-Topper RM**

Request and response of servlet are handles at \_\_\_\_ stage

- A. Destroy
- B. Initialize
- C. Failure Page 258**
- D. Service

**Question No:59**

**(Marks:01)**

**Vu-Topper RM**

At servlet service stage, webserver invokes \_\_ method.

- A. servletServices()
- B. services() Page 270**
- C. serviceSvlt()
- D. svltServices()

**Question No:60**

**(Marks:01)**

**Vu-Topper RM**

HTTP response code 401 indicates that \_\_\_\_\_ .

- A. Request resource is available
- B. Request requires http authentication Page 231**
- C. Error by server
- D. Request resource is not available

## For More Help Contact What's app 03224021365

**Question No:61**

**(Marks:01)**

**Vu-Topper RM**

In get http request type, attribute-value pair is attached after-----with requested url

A. #

B. @

**C. ? Page 253**

D. .

**Question No:62**

**(Marks:01)**

**Vu-Topper RM**

Which of the following interface needs to implement while creating threads?

A. Windowlistener

**B. Runnable Page 212**

C. ActionListener

D. Serializable

**Question No:63**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is true about simple tag in JSP?

**A. All of the given options Page 377**

B. It has no body is specified in tag

C. It has start and end of tag

D. It has no attribute

**Question No:64**

**(Marks:01)**

**Vu-Topper RM**

To compile a servlet(e.g.myservlet.java)----- command is used in command prompt

A. Java-c

B. Java

C. Java.c

**D. Javac Page 256**

**Question No:65**

**(Marks:01)**

**Vu-Topper RM**

The \_\_\_\_\_ method is used, when one thread wants to wait for another thread's run method to complete its execution.

**A. Join() Page 227**

B. Wait()

C. Sleep()

D. Yield()

## For More Help Contact What's app 03224021365

**Question No:66**

**(Marks:01)**

**Vu-Topper RM**

In the context of servlet mapping in web.xml, URL is provided in \_\_\_\_\_ tag.

- A. <url-source>
- B. <url-destination>
- C. <url-address>
- D. <url-pattern> Page 255**

**Question No:67**

**(Marks:01)**

**Vu-Topper RM**

Entire JSP page gets translated into a servlet\_.

- A. Once Page 323**
- B. Every time when it is accessed
- C. Every time when the page is refreshed
- D. Every time when the browser is restarted

**Question No:68**

**(Marks:01)**

**Vu-Topper RM**

A bean class\_\_\_\_have a zero argument constructor.

- A. Can
- B. Can't
- C. Must Page 356**
- D. Shouldn't

**Question No:69**

**(Marks:01)**

**Vu-Topper RM**

Layers represent the \_\_view of application.

- A. Physical
- B. Logical Page 435**
- C. External
- D. None of these

**Question No:70**

**(Marks:01)**

**Vu-Topper RM**

The dot operator in Expression Language is typically used for accessing the of an object.

- A. Properties Page 458**
- B. Elements
- C. Values
- D. Attributes

## For More Help Contact What's app 03224021365

**Question No:71**

**(Marks:01)**

**Vu-Topper RM**

Initialization parameters of a servlet are defined in file.

A. html

B. JSP

**C. web.xml**

**Page 275**

D. servlet

**Question No:72**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is NOT appropriate for Page-centric approach?

A. The maintenance of the application becomes a nightmare.

B. A lot of code is also get duplicated.

**C. Scaling of such kind of application is easy.**

**Page 397**

D. The code becomes a mixture of presentation, business and data access logic.

**Question No:73**

**(Marks:01)**

**Vu-Topper RM**

Which of the following 'statement' object is used for executing precompiled SQL statements?

A. Statement

**B. PreparedStatement**

**Page 147**

C. CallableStatement

D. None of the given options

**Question No:74**

**(Marks:01)**

**Vu-Topper RM**

UDDI stands for

**A. Universal Description, Discovery & Integration (UDDI)**

**Page 490**

B. Universal Data, Discovery & Integration (UDDI)

C. Universal Data, Database & Integration (UDDI)

D. None of the given options

**Question No:75**

**(Marks:01)**

**Vu-Topper RM**

DataBaseMetaData object can be derived from \_\_\_ object.

A. ResultSet

**B. Connection**

**Page 165**

C. Statement

D. ResultSetMetaData

**For More Help Contact What's app 03224021365**

**Question No:76**

**(Marks:01)**

**Vu-Topper RM**

DSN stands for\_.

A. Domain System Name

**B. Data Source Name**      **Page 166**

C. Database Name

D. System name

**Question No:77**

**(Marks:01)**

**Vu-Topper RM**

There is/are \_\_\_form(s) of response redirection.

A. 1

**B. 2**      **Page 270**

C. 3

D. 4

**Question No:78**

**(Marks:01)**

**Vu-Topper RM**

Expression is a code fragment which returns\_.

A. Integer

**B. String**      **Page 326**

C. Depends on the expression

D. Nothing

**Question No:79**

**(Marks:01)**

**Vu-Topper RM**

A servlet \_during its initialize stage.

A. unloads resource/s

B. accept request/s

**C. Loads resources/s**      **Page 2**

D. forwards request/s

**Question No:80**

**(Marks:01)**

**Vu-Topper RM**

CREATE TABLE, DROP TABLE, and ALTER TABLE etc are --.

A. DML statements

**B. DDL statements**      **Page 144**

C. DCL statements

D. None of given options

**For More Help Contact What's app 03224021365**

**Question No:81**

**(Marks:01)**

**Vu-Topper RM**

Which of the following approach can use to create thread in java?

A. Abstraction

**B. Inheritance Page 212**

C. Composition

D. Polymorphism

**Question No:82**

**(Marks:01)**

**Vu-Topper RM**

Request and response of servlet are handled at \_\_\_\_stage.

A. destroy

B. initialize

C. failure

**D. service Page267**

**Question No:83**

**(Marks:01)**

**Vu-Topper RM**

Which of the following feature is not available in java Pointers?

A. Operator overloading

B. Global variables

**C. All of given options**

**Question No:84**

**(Marks:01)**

**Vu-Topper RM**

HTTP response code 100s indicates \_\_\_\_.

A. to continue without request

B. do not continue with any request

C. to continue with complete request

**D. to continue with partial request Page 234**

**Question No:85**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is NOT web technology of Java?

**A. ASP Page 244**

B. JSF

C. JSP

D. Servlet

## For More Help Contact What's app 03224021365

**Question No:86**

**(Marks:01)**

**Vu-Topper RM**

Which of the following architecture introduces a controller?

A. MVC Model 3

**B. MVC Model 2**

**Page 404**

C. MVC Model 1

D. MVC Model 4

**Question No:87**

**(Marks:01)**

**Vu-Topper RM**

If “MyServlet” is placed in “myapp” folder, then you can access “MyServlet” by writing\_\_\_:

A. <http://localhost8080/myapp/MyServlet>

B. <http://localhost8080/myapp/servlets/MyServlet>

C. <http://localhost8080/webapps/myapp/servlets/MyServlet>

**D. <http://localhost8080/webapps/myapp/MyServlet>**

**Page 265**

**Question No:88**

**(Marks:01)**

**Vu-Topper RM**

HTTP response code 404 indicates that \_\_\_\_\_:

**A. requested resource is not available** **Page 235**

B. request requires HTTP authentication

C. requested resource is available

D. error by server

**Question No:89**

**(Marks:01)**

**Vu-Topper RM**

The newly created thread can be moved to “Ready State” by calling \_\_\_\_\_method:

A. sleep()

**B. start()**

**Page 228**

C. wait()

D. yield()

**Question No:90**

**(Marks:01)**

**Vu-Topper RM**

At servlet initialization stage, webserver invokes\_\_method.

A. ServletInit()

**B. init()**

**Page 267**

C. initServlet()

D. initialize()

## For More Help Contact What's app 03224021365

**Question No:91**

**(Marks:01)**

**Vu-Topper RM**

Which of the following Java/J2EE technology can be used for client presentation layer?

- A. Applets Page 430**
- B. JavaBean
- C. Java Server Faces(JSF)
- D. Java Server Pages(JSP)

**Question No:92**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is true about tag with attributes in JSP?

- A. All of the given options Page 377**
- B. It has attribute within tag
- C. It has no body enclosed
- D. It has start and end of tag

**Question No:93**

**(Marks:01)**

**Vu-Topper RM**

The correct way to declare a page as an error page in JSP is:

- A. `<% @page ... SetErrorPage = "true"%>`
- B. `<% @page ... errorPage = "true"%>`
- C. `<% @page ... isErrorPage = "true"%>` Page 389**
- D. `<% @page ... getErrorPage = "true"%>`

**Question No:94**

**(Marks:01)**

**Vu-Topper RM**

The correct way to define a JSP include action element is:

- A. `<jsp:include page = "one.jsp"/>` Page 373**
- B. `<jsp:include page @ "one.jsp"/>`
- C. `<jsp:include page # "one.jsp"/>`
- D. `<jsp:include page $ "one.jsp"/>`

**Question No:95**

**(Marks:01)**

**Vu-Topper RM**

A java class that follows certain design conventions is called \_\_\_\_\_

- A. ServletBean
- B. SwingBean
- C. JavaBean Page 353**
- D. JSPBean

## For More Help Contact What's app 03224021365

**Question No:96**

**(Marks:01)**

**Vu-Topper RM**

Which of the given options is NOT true for Page-centric approach?

- A. The code becomes a mixture of presentation, business and dataaccess logic
- B. A lot of code is also get duplicated
- C. Scaling of such kind of application is easy Page 404**
- D. The maintenance of the application becomes a nightmare

**Question No:97**

**(Marks:01)**

**Vu-Topper RM**

Which of the following choices is the best choice as acontroller in MVC Model Architecture?

- A. JavaScript
- B. Java
- C. Servlet Page 421**
- D. JSP

**Question No:98**

**(Marks:01)**

**Vu-Topper RM**

Which of the following tag/s can be constructed in JSP?

- A. Tag with Attributes
- B. Simple Tag
- C. All of the given options Page 376**
- D. Tag with Body

**Question No:99**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is not true regarding layers?

- A. Easier reuse of code
- B. Easier maintenance
- C. Provide high coupling Page 427**
- D. Provide high cohesion

**Question No:100**

**(Marks:01)**

**Vu-Topper RM**

From the following methods, which method cannot be overridden in the JSP page

- A. jspService()**
- B. jspDestroy()
- C. jspInit()
- D. None of these

## For More Help Contact What's app 03224021365

**Question No:101**

**(Marks:01)**

**Vu-Topper RM**

Resources could be shared among all servlets in \_\_\_\_\_ application/s using \_\_\_\_ .

- A. same, Servlet object
- B. different, Servlet object
- C. Same, ServletContext object**
- D. different, ServletContext object

**Question No:102**

**(Marks:01)**

**Vu-Topper RM**

Servlet context stores initialization parameters of \_\_\_\_\_ .

- A. one servlet
- B. a java file
- C. of entire web application**
- D. of all web applications in a server

**Question No:103**

**(Marks:01)**

**Vu-Topper RM**

Which of the following object is used for sharing resources among different servlets of same application?

- A. ServletConfig
- B. ServletRequest
- C. ServletResponse
- D. Servlet Context**

**Question No:104**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is not an HttpServletRequest method?

- A. setAttribute(String, Object)
- B. setProtocol()**
- C. getMethod()
- D. getProtocol()

**Page 294**

**Question No:105**

**(Marks:01)**

**Vu-Topper RM**

Server spawns a new thread for each new request from the client by calling servlet's \_\_\_\_\_ method.

- A. init()
- B. yield()
- C. spwan()
- D. service()**

## For More Help Contact What's app 03224021365

**Question No:106**

**(Marks:01)**

**Vu-Topper RM**

During different sessions, `getServletContext()` method provides \_\_\_\_\_  
ServletContext object/s to \_\_\_\_\_ Servlets.

**A. Different,Same**

B. Same, Same

C. Same, Different

D. Different, Different

**Question No:107**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is the main idea behind partitioning a web application into layers?

A. Increase Decoupling

**B. Reduce Coupling.**

C. Increase Coupling

D. Reduce Decoupling

**Question No:108**

**(Marks:01)**

**Vu-Topper RM**

Which of the following tag is used to define initialization parameters value of a servlet?

A. `<param-value></param-value>`

B. `<para-value></para-value>`

**C. `<initparam-value></initparam-value>`**

D. `<parameter-value></parameter-value>`

**Question No:109**

**(Marks:01)**

**Vu-Topper RM**

In the context of Session Tracking, states are maintained by the mutual cooperation of both client & \_\_\_\_\_.

**A. Server** **Page 297**

B. User

C. Browser

D. Customer

**Question No:110**

**(Marks:01)**

**Vu-Topper RM**

Unpack directory structure of J2EE web application is \_\_\_\_\_

A. Known as Web Archive file (WAR)

B. Used during development of web application

C. Used to deploy web application

**D. None of the given options**

## For More Help Contact What's app 03224021365

**Question No:111**

**(Marks:01)**

**Vu-Topper RM**

The getSession() method of \_\_\_\_\_ returns HttpSession object.

**A. HttpServletResponse**

B. HttpServletRequest

C. ServletConfig

D. ServletContext

**Question No:112**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is NOT a standard method called as a part of the JSP life cycle?

A. jspInit()

**B. jspService()**

C. jspService()

D. jspDestroy()

**Question No:113**

**(Marks:01)**

**Vu-Topper RM**

AWT is also called \_\_\_\_\_.

A. Light Weight Component

**B. Medium Weight Component**

C. Heavy Weight Component

D. None of the given options

**Question No:114**

**(Marks:01)**

**Vu-Topper RM**

Based on functionality, the streams can be categorized as \_\_\_\_\_

A. Byte oriented stream and Node stream

B. Filter stream and Character oriented stream

**C. Node stream and Filter stream**

**Question No:115**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is not included in simple tag while creating JSP custom tags?

A. Start of tag

B. End of tag

**C. Attributes**

D. None of the given options

## For More Help Contact What's app 03224021365

**Question No:116**

**(Marks:01)**

**Vu-Topper RM**

MVC stands for \_\_\_\_\_.

- A. Model View Content
- B. Model View Controller**
- C. Multi View Controller
- D. Multi View Content

**Question No:117**

**(Marks:01)**

**Vu-Topper RM**

In packages, we organize files into different directories according to their \_\_\_\_\_.

- A. Functionality
- B. Usability
- C. Category
- D. All of these**

**Question No:118**

**(Marks:01)**

**Vu-Topper RM**

Strings in java are represented as \_\_\_\_\_

- A. Primitive data types**
- B. Reference data types
- C. Native data types
- D. Operators

**Question No:119**

**(Marks:01)**

**Vu-Topper RM**

How many forms of redirect?

- A. One
- B. Two**
- C. Three
- D. Four

**Question No:120**

**(Marks:01)**

**Vu-Topper RM**

CREATE, ALTER, DROP are \_\_\_\_\_ SQL statements.

- A. DML
- B. DDL**
- C. DCL
- D. None of given

**For More Help Contact What's app 03224021365**

**Question No:121**

**(Marks:01)**

**Vu-Topper RM**

Web server is a software which provides services to access \_\_\_\_\_.

- A. Internet
- B. Intranet
- C. Extranet
- D. All of the given**

**Question No:122**

**(Marks:01)**

**Vu-Topper RM**

From the following which one is not a built-in validator?

- A. DoubleRangeValidator
- B. LongRangeValidator
- C. LengthValidator
- D. StringValidator**

**Question No:123**

**(Marks:01)**

**Vu-Topper RM**

RPC stands for

- A. Remote Personal Computer (RPC)
- B. Remote Procedure Calls (RPC).**
- C. Remote Procedure Client (RPC)
- D. None of these

**Question No:124**

**(Marks:01)**

**Vu-Topper RM**

Web.xml is a \_\_\_\_\_

- A. Java File
- B. Configuration File**
- C. Jar file
- D. Servlet

**Question No:125**

**(Marks:01)**

**Vu-Topper RM**

From the following which session tracking technique is used when new session is started?

- A. Cookies
- B. URL Rewriting
- C. Both Cookies and URL Rewriting**
- D. None of These

## For More Help Contact What's app 03224021365

**Question No:126**

**(Marks:01)**

**Vu-Topper RM**

get Attribute (String) extracts----- stored value from a session object

- A. Subsequently
- B. None of These
- C. Previously**
- D. Currently

**Question No:127**

**(Marks:01)**

**Vu-Topper RM**

HTTP Session stores session information in

- A. File System of client
- B. File System of Server
- C. A Cookie**
- D. A Session Object

**Question No:128**

**(Marks:01)**

**Vu-Topper RM**

From the following which is not a basic function of web-based application:

- A. Presentation
- B. Debugging
- C. Business Logic**
- D. Data Management

**Question No:129**

**(Marks:01)**

**Vu-Topper RM**

Servlets are used to

- A. Create Graphics
- B. Provide Dynamic Web Content which extant web service**
- C. Develop Applets
- D. Create GUI

**Question No:130**

**(Marks:01)**

**Vu-Topper RM**

Overloading is \_\_\_\_\_ whereas overriding is \_\_\_\_\_

- A. Run time binding, compile time binding
- B. Late binding, compile time binding
- C. Compile time binding, run time binding**
- D. Run time binding, late time binding

**For More Help Contact What's app 03224021365**

**Question No:131**

**(Marks:01)**

**Vu-Topper RM**

From following methods; which method is not a part of the JSP life cycle

- A. jspInit()
- B. jspService()**
- C. jspService()
- D. jspDestroy()

**Question No:132**

**(Marks:01)**

**Vu-Topper RM**

A top-level class without any modifier is accessible to any

- A. class
- B. any class within the same package**
- C. any class within the same file
- D. any subclass of this class

**Question No:133**

**(Marks:01)**

**Vu-Topper RM**

Java program code is compiled into form called

- A. Machine code
- B. native Code
- C. Byte Code**
- D. Source Code

**Question No:134**

**(Marks:01)**

**Vu-Topper RM**

What if the main method is declared as private?

- A. The program does not compile
- B. The program compiles but does not run
- C. The program compiles and runs properly**
- D. The program throws an exception on compile time

**Question No:135**

**(Marks:01)**

**Vu-Topper RM**

There are \_\_\_\_\_ types of exceptions in Java

- A. 2
- B. 3**
- C. 4
- D. 5

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**Question No:136**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is used for inheritance in java?

- A. implements
- B. extends**
- C. (colon)
- D. inherit

**Question No:137**

**(Marks:01)**

**Vu-Topper RM**

A top level class may have only the following access modifier.

- A. Package
- B. Private
- C. Protected
- D. Public**

**Question No:138**

**(Marks:01)**

**Vu-Topper RM**

Which of the following package needs to be import while handling files?

- A. java.util
- B. java.io**
- C. java.awt
- D. javax.swing

**Question No:139**

**(Marks:01)**

**Vu-Topper RM**

Exceptions must be handled while handling files otherwise it may lead to \_\_\_\_\_

- A. Logical error
- B. Syntax error
- C. Run-time error**
- D. No error

**Question No:140**

**(Marks:01)**

**Vu-Topper RM**

All the exceptions and errors in java are inherited from \_\_\_\_\_ class.

- A. Exception
- B. Error
- C. Throwable**
- D. IOException

## For More Help Contact What's app 03224021365

**Question No:141**

**(Marks:01)**

**Vu-Topper RM**

Which of the following exception belongs to a category of un-checked exception?

- A. IOException
- B. Null Pointer exception**
- C. AWTException
- D. ClassNotFoundException

**Question No:142**

**(Marks:01)**

**Vu-Topper RM**

Which of the following belongs to a category of checked exception?

- A. Null Pointer exception
- B. IO Exception**
- C. Array index out of bounds
- D. NumberFormatException

**Question No:143**

**(Marks:01)**

**Vu-Topper RM**

The relationship between class and interface is called \_\_\_\_\_.

- A. ' Is a ' relationship**
- B. ' Has a ' relationship
- C. ' Responds to ' relationship
- D. None of the given options

**Question No:144**

**(Marks:01)**

**Vu-Topper RM**

An abstract class -----instantiated.

- A. Cannot be**
- B. Can be
- C. Must
- D. None of these

**Question No:145**

**(Marks:01)**

**Vu-Topper RM**

The classes which contain the word \_\_\_\_\_ are byte oriented streams.

- A. Byte
- B. Reader
- C. Writer
- D. Stream**

## For More Help Contact What's app 03224021365

**Question No:146**

**(Marks:01)**

**Vu-Topper RM**

Window frame and dialog use \_\_\_\_\_ as their default layout.

**A. Border layout**

B. Flow layout

C. GridBag layout

D. Grid layout

**Question No:147**

**(Marks:01)**

**Vu-Topper RM**

Which of the following stream is a filter stream?

A. FileWriter

B. FileReader

**C. BufferedReader**

D. All of given options

**Question No:148**

**(Marks:01)**

**Vu-Topper RM**

Which of the following command is used to run java program?

A. Java filename.java

**B. Java filename**

C. Javac filename.java

D. Javac filename

**Question No:149**

**(Marks:01)**

**Vu-Topper RM**

==operator compares \_\_\_\_\_ of strings whereas equals () method compares \_\_\_\_\_ of the string.

A. Value, Addresses

**B. Address, Values**

C. Size, Addresses

D. Addresses, Size

**Question No:150**

**(Marks:01)**

**Vu-Topper RM**

Which of the following feature provides the facility for multiple inheritance?

A. Adapter Classes

B. Wrapper Classes

**C. Interfaces**

D. Collections

**For More Help Contact What's app 03224021365**

**Question No:151**

**(Marks:01)**

**Vu-Topper RM**

The given line of code will result in \_\_\_\_\_ system. Out. printing (5+9);

- A. 59
- B. 5+9
- C. 14**
- D. syntax error

**Question No:152**

**(Marks:01)**

**Vu-Topper RM**

Which of the following stream is a Node stream?

- A. PrintWriter
- B. FileWriter
- C. BufferedReader**
- D. All of the given option

**Question No:153**

**(Marks:01)**

**Vu-Topper RM**

To compare the value of two strings, \_\_\_\_\_ must be used.

- A. =operator
- B. ==operator
- C. Equal () method**
- D. Compare () method

**Question No:154**

**(Marks:01)**

**Vu-Topper RM**

Which of the following method is used to convert a string into an int value?

- A. intValue()
- B. parseInt()
- C. Parseint ()**
- D. parseInteger()

**Question No:155**

**(Marks:01)**

**Vu-Topper RM**

What will happen if we write static public void instead of public static void?

- A. Program does not compile
- B. Program compiles but does not run
- C. Program compiles and run successfully**
- D. Program throws an exception

**For More Help Contact What's app 03224021365**

**Question No:156**

**(Marks:01)**

**Vu-Topper RM**

Static methods can only access \_\_\_\_\_

- A. Instance variables
- B. Instance methods
- C. Static variables and methods**
- D. Both static and instance members

**Question No:157**

**(Marks:01)**

**Vu-Topper RM**

HashMap takes key as a/an \_\_\_\_\_

- A. Object**
- B. Array
- C. Primitive value
- D. Function

**Question No:158**

**(Marks:01)**

**Vu-Topper RM**

Which of the following stream read/write data in the form of bytes?

- A. FileReader
- B. FileWriter
- C. PrintWriter
- D. FileInputStream**

**Question No:159**

**(Marks:01)**

**Vu-Topper RM**

A variable declared as static in a class is a/an \_\_\_\_\_

- A. Instance variable
- B. Class variable**
- C. Const variable
- D. Global variable

**Question No:160**

**(Marks:01)**

**Vu-Topper RM**

What will happen if static modifier is removed from the signature of main method?

- A. The program does not compile
- B. The program compiles and runs successfully
- C. The program compiles but does not run**
- D. None of given options

## For More Help Contact What's app 03224021365

**Question No:161**

**(Marks:01)**

**Vu-Topper RM**

Which of the following syntax attaches an output stream to console?

- A. FileWriterfw = new FileWriter("output.txt");**
- B. FileWriterfw = new FileWriter (FileDescriptor.out);
- C. FileWriterfw = new FileWriter (FileDescriptor.in);
- D. FileWriterfw = new FileWriter (File Descriptor );

**Question No:162**

**(Marks:01)**

**Vu-Topper RM**

Which of the following folder contains configuration file?

- A. Classes
- B. Lib
- C. Bin
- D. WEB-INF**

**Question No:163**

**(Marks:01)**

**Vu-Topper RM**

Which of the following Environment variable tells the system about the root directory of TOMCAT?

- A. Java HOME
- B. CATALINA\_HOME**
- C. CLASSPATH
- D. PATH

**Question No:164**

**(Marks:01)**

**Vu-Topper RM**

From the following which ID is transmitted between the client and the server

- A. Session ID**
- B. Network ID
- C. Server ID
- D. None of these

**Question No:165**

**(Marks:01)**

**Vu-Topper RM**

An event in java is represented as \_\_\_\_\_

- A. Operator
- B. Function
- C. Object**
- D. Primitive data type

## For More Help Contact What's app 03224021365

**Question No:166**

**(Marks:01)**

**Vu-Topper RM**

Which of the following method is used to execute INSERT, UPDATE and Delete SQL statements?

- A. executeQuery(sql);**
- B. ExecuteQuery(sql);
- C. executeUpdate(sql);
- D. ExecuteUpdate(sql);

**Question No:167**

**(Marks:01)**

**Vu-Topper RM**

Which of the following command is used to compile Java code?

- A. java filename
- B. javac filename.java**
- C. javac filename
- D. java filename.java

**Question No:168**

**(Marks:01)**

**Vu-Topper RM**

Exception handling code is written in \_\_\_\_\_

- A. try
- B. finally
- C. block
- D. throws clause**

**Question No:169**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is a general-purpose container?

- A. Frame
- B. Dialog
- C. Janel
- D. Applet**

**Question No:170**

**(Marks:01)**

**Vu-Topper RM**

add Cookie () method of HttpServletResponse takes \_\_\_\_\_ as a parameter and adds it to the cookie header.

- A. cookie object**
- B. session id
- C. ip address
- D. MAC address

## For More Help Contact What's app 03224021365

**Question No:171**

**(Marks:01)**

**Vu-Topper RM**

In include type of request dispatcher, the first servlet which received request is also responsible to \_\_\_\_\_ .

**A. finish response**

B. modify request

C. show exceptions

D. forward request

**Question No:172**

**(Marks:01)**

**Vu-Topper RM**

Context attributes are shared among \_\_\_\_\_ servlet/s of \_\_\_\_ .

**A. all, a web application**

B. two, a web application

C. all, desktop applications

D. two, desktop applications

**Question No:173**

**(Marks:01)**

**Vu-Topper RM**

Which of the following object contains information specific to a servlet?

A. ServletConfig

B. ServletRequest

**C. ServletContext**

D. ServletResponse

**Question No:174**

**(Marks:01)**

**Vu-Topper RM**

To destroy the session in Servlet we use?

A. session.destroy()

**B. session.invalidate()**

C. session.end()

D. session.Kill()

**Question No:175**

**(Marks:01)**

**Vu-Topper RM**

From following which one is the object of JspWriter used to send output to the client.

A. request

**B. out**

C. response

D. None of these

## For More Help Contact What's app 03224021365

**Question No:176**

**(Marks:01)**

**Vu-Topper RM**

Moving session from one server to another in case of server failure is known as

- A. Session Migration
- B. Session Tracking
- C. Session Hijacking
- D. None of these**

**Question No:177**

**(Marks:01)**

**Vu-Topper RM**

From the following which one is not a JSP directive?

- A. page
- B. include
- C. taglib**
- D. out

**Question No:178**

**(Marks:01)**

**Vu-Topper RM**

Client is referred as a

- A. Computer user**
- B. Computer that a person is using for communication purpose
- C. Person which carry out web surfing
- D. None of these

**Question No:179**

**(Marks:01)**

**Vu-Topper RM**

A cookie is a piece of ----- that a web server can store on a client's hard disk.

- A. Number
- B. Text
- C. String**
- D. None of these

**Question No:180**

**(Marks:01)**

**Vu-Topper RM**

In JSP Instance variables and method are declared through following tag

- A. <% @ %>
- B. <% -- -- %>
- C. <%! %>**
- D. <% = %>

**For More Help Contact What's app 03224021365**

**Question No:181**

**(Marks:01)**

**Vu-Topper RM**

To provide global control of JSP we use following tag

- A. <%@        %>**
- B. <%--        -%>
- C. <%!        %>
- D. <%=        %>

**Question No:182**

**(Marks:01)**

**Vu-Topper RM**

Hidden Forms Fields contain the information that is needed to send to the

- A. Client
- B. Server**
- C. Both server and client
- D. None of these

**Question No:183**

**(Marks:01)**

**Vu-Topper RM**

Session Tracking is done through following techniques?

- A. Cookies
- B. Hidden fields
- C. URL Rewriting
- D. All the these**

**Question No:184**

**(Marks:01)**

**Vu-Topper RM**

JSP scripting elements is/are

- A. Declarations
- B. Scriptlets
- C. expressions
- D. All of these**

**Question No:185**

**(Marks:01)**

**Vu-Topper RM**

From the following indicators; which is added in user session to know the session time out?

- A. Sessiontimeoutindicator**
- B. SessionTimeoutIndicator
- C. SessionTimeoutIndicator
- D. None of these

**For More Help Contact What's app 03224021365**

**Question No:186**

**(Marks:01)**

**Vu-Topper RM**

HTTP is a -----protocol.

- A. Stateless**
- B. Connectionless
- C. Connection oriented
- D. None of these

**Question No:187**

**(Marks:01)**

**Vu-Topper RM**

getId( ) returns the unique ID of

- A. Current session
- B. Previous session
- C. None of these**
- D. Next session

**Question No:188**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is NOT true about JavaBean?

- A. It should not have any public variable.
- B. It must be serializable.
- C. It must not have any zero argument constructor.
- D. Private instances must be accessed via setters/getters.**

**Question No:189**

**(Marks:01)**

**Vu-Topper RM**

JSP \_\_\_\_\_ action element is used to obtain a reference to an existing JavaBean object.

- A. useBean**
- B. setProperty
- C. getProperty
- D. None of these

**Question No:190**

**(Marks:01)**

**Vu-Topper RM**

From following tags, which one is the Special JSP tag?

- A. <jsp: ..... />**
- B. <%! %>
- C. <%= %>
- D. <%@ %>

## For More Help Contact What's app 03224021365

**Question No:191**

**(Marks:01)**

**Vu-Topper RM**

What is the initial contact point for handling a web request in a Page-Centric architecture?

**A. JSP**

B. JavaBean

C. servlet

D. HTML page

**Question No:192**

**(Marks:01)**

**Vu-Topper RM**

“application” is a object of

A. ServletContext.

B. HttpSession

C. ServletConfig

**D. None of these**

**Question No:193**

**(Marks:01)**

**Vu-Topper RM**

All -----data is kept at the application server.

A. Dynamic

B. Static

**C. Both dynamic and static**

D. None of these

**Question No:194**

**(Marks:01)**

**Vu-Topper RM**

Which one is used to collect data when a user navigates between web pages?

**A. Session Tracking**

B. User Tracking

C. None of these

D. Session Migration

**Question No:195**

**(Marks:01)**

**Vu-Topper RM**

To define the error page in JSP we use following tag?

A. exception-type

B. error-type

**C. error-page**

D. exception-page

**For More Help Contact What's app 03224021365**

**Question No:196**

**(Marks:01)**

**Vu-Topper RM**

From following which code can be used to create session object in the Servlet:

- A. HttpSession session = req.getSession(true);**
- B. HttpSession session = req.getSession(false);
- C. HttpSession session = req.getSession(1);
- D. None of these

**Question No:197**

**(Marks:01)**

**Vu-Topper RM**

When JSP page compiled, it is translated into?

- A. Applet
- B. Application
- C. Servlet**
- D. Web Browser

**Question No:198**

**(Marks:01)**

**Vu-Topper RM**

Packages are the way to organize files into different -----according to their functionality, usability as well as category they should belong to.

- A. Directories**
- B. Folders
- C. Libraries
- D. None of these

**Question No:199**

**(Marks:01)**

**Vu-Topper RM**

setAttribute(String, Object) associates a -----with a name.

- A. None of these
- B. Object**
- C. String
- D. Value

**Question No:200**

**(Marks:01)**

**Vu-Topper RM**

3-layer architecture consists of presentation Layer, \_\_\_\_\_ Layer and Data Layer.

- A. Application
- B. Business**
- C. Server
- D. Client

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**Question No:201**

**(Marks:01)**

**Vu-Topper RM**

addCookies() method of HttpServletResponse takes \_\_\_\_\_ as a parameter and adds it to the cookies header.

**A. Cookies object**

- B. Ip address
- C. AC address
- D. Session id

**Question No:202**

**(Marks:01)**

**Vu-Topper RM**

"application" is a object of:

**A. ServletContext**

- B. HttpSession
- C. ServletConfig
- D. Both b and c

**Question No:203**

**(Marks:01)**

**Vu-Topper RM**

From the following which code can be used to create session object in the Servlet

- A. HttpSession session=req.getSession(true);
- B. HttpSession session=req.getSession(false);
- C. HttpSession session=req.getSession(1);
- D. HttpSession session=req.getSession(1);**

**Question No:204**

**(Marks:01)**

**Vu-Topper RM**

Which of the following syntax used to attach an input stream to console?

- A. FileReader fr=new FileReader((input.txt))
- B. FileReader fr=new FileReader(FileDescriptor.in);
- C. FileReader fr=new FileReader(FileDescriptor);**

**Question No:205**

**(Marks:01)**

**Vu-Topper RM**

JSP stands for \_\_\_\_\_

**Java Server Page**

None of the these

**Question No:206**

**(Marks:01)**

**Vu-Topper RM**

javax.servlet.jsp.PageContext, is used to give a -----point of access to many of the page attributes.

Single

**Multiple**

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**Question No:207**

**(Marks:01)**

**Vu-Topper RM**

HTML form data can be processed by JSP

**True**

False

**Question No:208**

**(Marks:01)**

**Vu-Topper RM**

Java provides an excellent solution to all the problems that occurred in tracking a session.

**True**

False

**Question No:209**

**(Marks:01)**

**Vu-Topper RM**

In JSP scripting elements, it is NOT necessary that every opening tag also have a closing tag.

**False**      **Page 340**

True

**Question No:210**

**(Marks:01)**

**Vu-Topper RM**

Java + HTML = JSP

**True**

False

**Question No:211**

**(Marks:01)**

**Vu-Topper RM**

getRequest() method gets information from a client and postrequest() method posts data to a client.

**False**

True

**Question No:212**

**(Marks:01)**

**Vu-Topper RM**

sendRedirect() method of HttpServletResponse redirects the user to

**Specific URL**

**Page 295**

Main class

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**Question No:213**

**(Marks:01)**

**Vu-Topper RM**

Packages are nothing more than the way we organize files into different directories according to their functionality, usability as well as category they should belong to.

**False**      **Page 329**

True

**Question No:214**

**(Marks:01)**

**Vu-Topper RM**

getParameters() method returns an array of strings containing the values for a specified servlet parameter.

True

**False**

**Question No:215**

**(Marks:01)**

**Vu-Topper RM**

In 3-layer architecture, we do NOT make any direct calls to database from the presentation layer.

**False**      **Page 322**

True

**Question No:216**

**(Marks:01)**

**Vu-Topper RM**

JSP is a text based document capable of returning either static or dynamic content to a client's browser.

**True**      **Page 334**

False

**Question No:217**

**(Marks:01)**

**Vu-Topper RM**

Presence of cookie indicates that the user is visiting this site for the first time.

**False**      **Page 300**

True

**Question No:218**

**(Marks:01)**

**Vu-Topper RM**

Layers are isolated from each other to increase coupling between them.

**False**      **Page 322**

True

**Question No:219**

**(Marks:01)**

**Vu-Topper RM**

Cookies can be used for identifying a user during an e-commerce session

True

**False**

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**Question No:220**

**(Marks:01)**

**Vu-Topper RM**

The \_\_\_\_\_ represent the state of component.

View

**Model**

**Question No:221**

**(Marks:01)**

**Vu-Topper RM**

Interface of HttpServletResponse extends class Servlet Response

False

**True**

**Question No:222**

**(Marks:01)**

**Vu-Topper RM**

HttpServletResponse object is created when web server executes the servlet. This object is passes to the servlet service method which passes it to do Get () or doPost ().

**True**

False

**Question No:223**

**(Marks:01)**

**Vu-Topper RM**

A collection can store .....

**Homogenous objects**

Heterogeneous objects

**Question No:224**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is called ' pure abstract class ' ?

Wrapper class

**Interface**

**Question No:225**

**(Marks:01)**

**Vu-Topper RM**

Is it possible to provide more than one main method within same class?

True

**False**

**Question No:226**

**(Marks:01)**

**Vu-Topper RM**

There is NO equivalent tag for comments while writing JSP scripting elements in XML.

**True**

False

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**Question No:227**

**(Marks:01)**

**Vu-Topper RM**

Which of the following is/are not correct about thread(s)?

**Heavy weight**

Light weight

**Question No:228**

**(Marks:01)**

**Vu-Topper RM**

Web applications maintain the state of a user's actions against multiple requests, because HTTP protocol is stateless.

**True**

False

**Question No:229**

**(Marks:01)**

**Vu-Topper RM**

By means of Page Directive, a JSP can be given the responsibility of an Error page.

**True**

False

**Question No:230**

**(Marks:01)**

**Vu-Topper RM**

JSP directives are used to convey special processing information about the page to JSP container.

**True**

False

**Question No:231**

**(Marks:01)**

**Vu-Topper RM**

Tag Library Descriptor (.tld) file is a simple text base document.

**False Page 378**

True

**Question No:232**

**(Marks:01)**

**Vu-Topper RM**

An error JSP is called by the web server when an uncaught exception gets occurred.

**True Page 389**

False

**Question No:233**

**(Marks:01)**

**Vu-Topper RM**

Interface can be implemented in JSP

True

**False**

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**Question No:234**

**(Marks:01)**

**Vu-Topper RM**

When a session object is invalidated, it can be again refreshed.

**True**

False

**Question No:235**

**(Marks:01)**

**Vu-Topper RM**

JSP technology is extensible

**True**

False

**Question No:236**

**(Marks:01)**

**Vu-Topper RM**

Managed Bean is JavaBeans which are defined in -----

**Configuration file**

**Question No:237**

**(Marks:01)**

**Vu-Topper RM**

Correct format of writing an EL expression is \_\_\_\_\_

**#{Valid Expressions}**

**Question No:238**

**(Marks:01)**

**Vu-Topper RM**

\_\_\_\_\_operator is used to retrieve elements of arrays and collections

**Bracket [ ] operator**

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